A-105
Center Fire
105F-1 #1

DRAWING NUMBER 112 Tan 3104

1/8" = 1 - 0" | 1/4" = 1 - 0" | 1/2" = 1 - 0" | 3/4" = 1 - 0" | 1" = 1 - 0" | 1-1/2" = 1 - 0"

GENERAL NOTES

1. This contractor shall provide all items, labor and material required and necessary to complete the work called for on the drawings whether such items are indicated or not, unless they are specifically exempted.

2. All work shall conform to the New York City Building Code, all state and local laws, codes, regulations etc. applicable to this job and to the standards of the World Trade Center. No work is to commence until plans have been approved by all departments or agencies having jurisdiction. The contractor shall furnish an amended certificate of occupancy to the owner upon completion of work.

3. All approvals, permits, plans etc. are to be maintained at the job site during construction, for inspection and review. Upon completion and final inspection they shall be turned over to the owner for his files.

4. It shall be recognized by the contractor that this is an occupied building. The contractor shall be bound to the building rules to hours of work, etc. All work shall be performed as expeditiously as possible. All areas not involved in the work shall be protected from damage, dust and debris. The contractor shall remove rubbish and debris as required and shall leave the premises broom clean. All rubbish and debris occasioned by this contractors work shall be removed by him. Any damage to adjacent areas occasioned by this contractor shall be repaired by him as part of this contract.

5. Before commencing work the contractor shall verify all dimensions and conditions in field. Any errors or omissions shall be brought to the attention of the designer.

6. Should the contractor find any errors or omissions in the plans, drawings, or specifications, or should there be any conflict between these documents, the contractor shall, prior to proceeding with the work, notify the designer who will explain or adjust the documents If such notice is not furnished as herein provided, the contractor shall be deemed to have found such plans, drawings or specifications in proper form for execution of the work.

7. Where required by the designer, the contractor shall submit detailed shop drawings and samples of materials or finishes prior to starting any construction. These must be approved by the designer before fabrication or installation.

8. All dimensioning are from face of finish partition to face of finish partition, unless noted otherwise on the drawings. Existing partitions column encloseures, window mullions etc. shall determine the location of new partitions wherever applicable. Do not scale drawings, follow dimensions and instruction given.

9. The work required under this contract shall be performed on both premium and standard time.A construction schedule shall be jointly prepared by the general contractor, designer and client and shall meet with the satisfaction on all parties before construction commences.

10. The contractor shall take all precautions to maintain free access of all tenants, service personnel and public through the areas involved. He shall see that all tenants facilities equipment and services are fully operatable during business hours. Any shut down of electric, telephone or communications services required shall be scheduled with the tenants representative and approved by same before proceeding.

11. The General Contrator shall coordinate his work with the work of all other Contractors whether his own or those on separate contract let by the tenant.

12. All telephone work is to be coordinated with the tenants private phone company.

13. The installation of all electronic equipment,wiring, signal and communications circuits etc. shall be coordinated with the tenants suppliers.

14. All floor drilling for new outlets shall be performed during overtime hours. Proposal shall include an allowance for the protection and/or correction of existing ceilings below.

15. Contractor shall be responsible for arranging with the building management for elevator or other hoisting facilities for handling materials.

16. No substitution may be made for any item specified without written approval of the designer.

17. The General Contractor shall have the overall responsibility for the procurement, installation and testing of all systems including the telecommunication room,plumbing, H.V.A.C. etc. as required by the tenants designer or engineers. This shall include the securing of all approvals for the systems tested.

18. All materials and construction shall conform to manufacturers specifications as well as requirements of the designer and World Trade Center.

19. The World Trade Center does not approve drilling or welding to existing structural members. All connections must be "clamp type" as per World Trade Center standards.

20. The Contractor shall not drill holes into existing slabs or structural members for the purpose of supporting any loads unless written approval is obtained from the engineer.

21. Before commencing work the Contractor shall notify the Port Authority Engineer of any areas without fireproofing. All exposed structural steel and chipped off fireproofing shall be patched or touched up with "Cafco type D-C/F"or approved equal as directed by the engineer.

22. The Contractor shall protect the public or tenant space below from any damage resulting from floor drilling operations.

23. The Contractor shall repair or replace existing construction damaged in the performance of this contract.

24. The space around pipes, ducts, etc. penetrating rated walls shall not exceed ¼" and shall be packed solid with mineral wool or approved equal, and be closed off by close fitting metal escutcheons on both sides of the partition as required by N.Y.C. Building Code C26-504.5.

25. Fire stopping shall be as required by N.Y.C. Building Code C26-504.7.(f) INSTALLATION SHALL BE SUBJECT TO CONTROLLED INSPECTION

26. All wood shall be fireproofed as required by N.Y.C. Building Code C26-502.6.

27. All interior finishes shall comply with N.Y.C. Building Code C26-504.10.

28. Carpeting shall conform to Port Authority specifications for flammability and smoke developed ratings.

29. Unless otherwise noted locate all doors 6" minimum distance from adjacent intersection walls.

GENERAL NOTES (continued)

30. Existing floor tile shall be cleaned and where required shall be restored as directed by the designer.

31. Rubber or vinyl base shall be installed on all new partitions, both sides unless otherwise noted.

32. The installation and application of all materials shall be in accordance with the current printed manufacturer's instructions and recommendations.

33. Center lines of partitions abutting window columns shall be centered on columns unless otherwise noted.

34. Where rated partitions intersect convector enclosures, install within the enclosure a rated fire stop equal to the rating of the wall.

35. Where unrated partitions intersect convector enclosures, install within the enclosure a sound barrier of 2" 3 lb. density semi-ridged fiberglass board.

36. The use of plastic diffusers in lighting fixtures is prohibited in The World Trade Center.

CONSTRUCTION SPECIFICATIONS

REMOVAL AND DISPOSAL OF MATERIAL

Contractor shall exercise extreme care in removal of all existing construction so as not to damage construction to remain.

The removal as described herein shall be accomplished without storing excessive quantities of any materials, rubbish, dirt, debris, or waste of any sort resulting from the removal operations on the floor.

All debris shall be removed from the construction site daily. However, it shall be the Contractors responsibility to advise the authority when he requires containers. The Contractor shall load these containers which will be at a central location on the floor. *The authority shall remove the containers and the Contractor shall* be responsible for paying the authority for such rubbish removal.

The Contractor shall provide all temporary dust proof enclosures to the satisfaction of the designer to keep existing corridors and leased premises entirely free of dust, debris or other impediment to normal use of areas involved.

The Contractor shall take all precautions to maintain free access of all tenants, service personnel and the public through the areas involved.

All reusable items that are removed and not relocated shall be returned to the tenant for storage unless directed otherwise by the tenants representative. Salvaged materials that are not required by the tenant shall be transferred to a materials storage area as directed by the Port Authority Engineer.

METAL STUDS AND GYPSUM WALLBOARD PATITIONS

Metal Studs shall be roll formed channel type sections fabricated of U.S.S. No. 25 gauge galvanized sheet steel 2½" wide and in the longest piece lengths available.

Gypsum Wallboard shall be grade "X" fire retardant wallboard 48" wide and of thickness indicated on the Contract drawings and shall be of uniform quality conforming to Federal Specification SS-L-30 and to ASTM C-36.

Wallboard shall be furnished and installed in the longest available lengths so that wallboard panels extend vertically in one piece from flooor to ceiling and/or slabs, beams, or decks above as required.

Wallboard used in fire rated partitions shall be delivered to the construction site bearing underwriters laboratory certification and N.Y.C. Board of Standards and Appeals calendar numbers.

Ceiling and Floor Runners shall be roll formed channel type sections fabricated of U.S.S. No. 25 gauge galvanized steel runners shall be in 10'-0" lengths.

Trim Members shall be fabricated of U.S.S. No. 25 guage galvanized steel and shall include corner reinforcement and casting type edge trim. Corner reinforcement shall be complete with perforated type wings and shall be type 11 "Perf-A-Bead" as manufactured by U.S. Gypsum Co. or an approved equal. Corner and edge trim members shall be in single lengths.

Screws for fastening wallboard to studs shall be bugle type phillips head screws specifically manufactured for power tool installation.

Joint Treatment Materials shall be expressly manufactured by the wallboard manufacturer for use with the manufacturers wallboard materials. Joint compounds shall be the ready mix type conforming to ASTM C-475. Tape reinforcement shall be perforated and shall conform to ASTM C-475 taping and spackling shall be a three (3) coat application.

Compressible Fireproofing shall be tightly packed in voids between top channel and all fire rated partitions and flutes of slab above. Fireproofing shall be thermafiber mineral fireproofing as manufactured by U.S. Gypsum Co. or an approved equal.

Before installing channel studs wrap top of stud with electrical tape to isolate metal stud from metal runner. Do not secure studs or gypsum wallboard to top channel runner.

HOLLOW METAL DOORS AND FRAMES

Frames shall be one piece installed plumb, straight and true with horizontal lines level and all vertical lines plumb. Frames shall be secured rigidly in place and shall be anchored to the floors, jambs and heads in an approved manner. All frames shall be braced until adjacent construction has been completed and has attained sufficient strength to maintain the frames in position.

Installation of door frames shall include all spacer clips, shims, channel lintels and subframes as shown and all neoprene gaskets.

Doors shall be installed plumb and true with their frames and shall operate freely without binding.

After erection, all damaged areas in the shop coat, exposed surfaces of bolts, bolt heads, nuts and washers, and all field welds, if necessary, and unpainted areas adjacent to field welds shall be painted with the same paint used in shop coating.

Doors and frames that are to be supplied by the Contractor shall be similar and equal in every respect to those that are furnished by the Port Authority.

CONSTRUCTION SPECIFICATIONS (c

HARDWARE

All hardware shall be type shown on the door a
drawing No.

All hardware for cabinetwork items shall be fu
by Cabinet Contractor unless noted otherwise.

Hardware for wood doors shall be furnished by
and installed by cabinet contractor.

Finish hardware installation shall conform to
requirements. Installation shall be in a neat
with all components operating properly. All kn
other exposed items, shall be suitably wrapped
as they have been installed and such protectio
acceptance of the work.

Immediately proceeding final inspection all ha
cleaned carefully by a method that will no way

Where building standard hardware is specified
it shall be World Trade Center standard hardwa

Butts ---------- Stanley FBB-179 x 4
Mortise Lockset--- Corbin #125-8551
Latch Set--------- Corbin #833-410
Closer---------- Corbin #500-S-3
Flush Bolts------- Corbin #2846 (1) @
Domestop--------- Corbin #373-½
Coordinator------- Von Duprin #1237
Silencers--------- Corbin #33
Aluminum Saddle--- Zero Weathestrippi

ACOUSTIC CEILING

Black iron carrying channels shall be securel
fastened to the overhead structural members.
spaced as required to adequately support ligh
pocket and acoustic tile ceiling.

Ceiling tile shall be installed in a true and
tightly together, install metal edge moldings

Ceiling heights shall be as shown on reflecte

Acoustic tile to match existing tile in adjac
system shall be concealed "Z" spline. ALL SUS
SHALL CONFORM TO N.Y.C.B.C. SECT. C26-504.12, AND RE
DETAILS DWG 105E-A
Patch all ceilings in areas where tiles have
construction required under this contract.

Provide accessable tile panels where required
to dampers, valves, pipes, etc.

RAISED ACCESS FLOOR

Raised access floor and accessories shall be
C-TEC Inc. as supplied by the Shaw Company, N

Floor panels shall be 24" x 24" welded galvan
all sides to a 1" thick wood particle board c
aluminum pedestals at heights indicated on th
RAISED FLOOR SHALL MATCH EXISTING TRADING ROOM
SUBMIT A COPY OF BO&A OR MEA RESOLUTION O
High pressure laminate shall be factory appli

Contractor shall provide 4" dia. holes with g
plans.

Floors shall be set level and true with tight
plete floor system shall be sturdy, rigid, fi
rocking rattles, squeaks and other noises.

Panels shall have numbers and directional arr
to facilitate replacement.

PAINTING

Paint shall be as specified on wall and floor

Paints shall be of the type specifically manu
to the surface to which it is to be applied.

No painting or finishing shall be started unt
painted or finished is in proper condition in

All paint shall be applied carefully with goo
rollers. Paint shall be evenly spread and whe
be throughly brushed out. The work shall be s
damage to other surfaces. Any damage to adjac
repaired in a manner satisfactory to the desi
be smooth and free from runs, sags, holidays
surfaces shall be uniform in sheen, color and
paint shall be sufficient thickness to cover
coat or surface.

Walls shall have two (2) coats of paint. Doo
two (2) coats of paint both sides unless othe

See General Note No.27

Unless required to paint the entire area, th
existing walls that are cut or patched. The
painted up to the nearest external or interna
Color shall match existing.

Paint acoustic tile ceilings that have been
required. Tiles shall be painted one coat of
ACRYPOLYRENE No. 21801 white, as manufacture
or equal.

WALL BASE

Wall bases shall be of type and size specifi
covering plan drawing No.105F-7

Wall base shall be applied against the wall
cement adhesive keeping cement ¼" below top
installation of the base shall be furnished
Verical joints shall be held to a minimum wi
from a joint to a corner equal to 1' - 0"

DRAWING NUMBER